

 Shenzhen Lichengxing
Technology Co., LTD

acknowledgement

SPECIFICATION FOR APPROVAL

client:
CUSTOMER: Zhongli Guanda (Shenzhen) Intelligent
Technology Co., LTD. (KH 008)

Customer part
number:
CUSTP/N: _____

Internal
material number: **LCX-KH008TX010**

LCXP/N: **Φ 21. 7*39-0. 08*72P-11TS-30-42. 42LC- BJ**

product model:
DESC: **2024/4/30**

date:
DATE: _____

edition:
Version: **A.0**

fabricatio n PREPARED BY	examine and verify CHECKED BY	ratify APPROVED BY	Customer acknowledges CUSTOMER APPROVE
Yang Wenjun 2024/4/3 0	Gao Yinghong 2024/4/3 0		

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深圳市立诚兴科技有限公司

Product specification SPECIFICATION		Vers ion A/0	Produced by: Yang Wenjun 2024/4/30	Review: Gao Yinghong 2024/4/30
Drawing number: LCX-GCQP001168		Page number: 2/4	Customer code: CUST	KH008
specifica tions and models	Φ21.5*39-0.08*72P-11TS-30-42.42LOC-BJ		Customer part number: CUSTP/N	
			Internal part number: IN P/N	LXC- KH 008 TX 010

Version change history

Version Change History

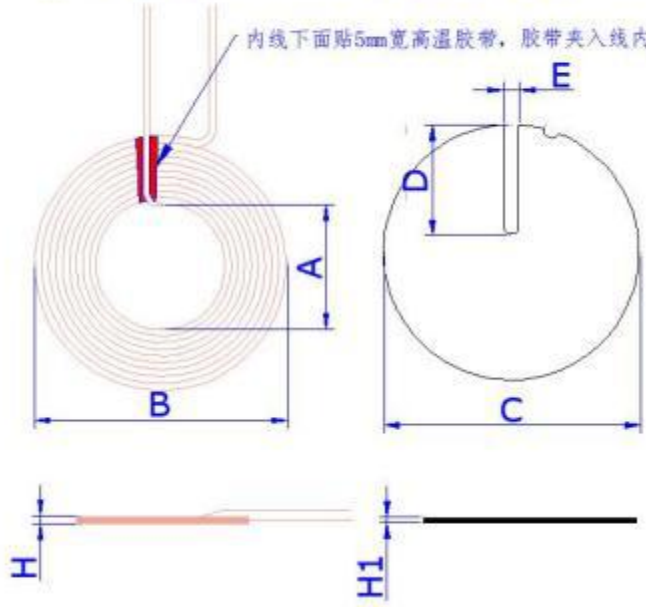
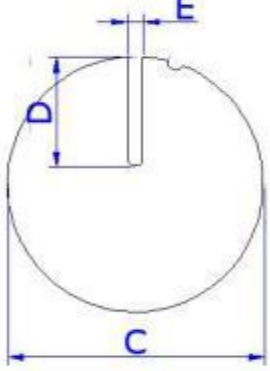
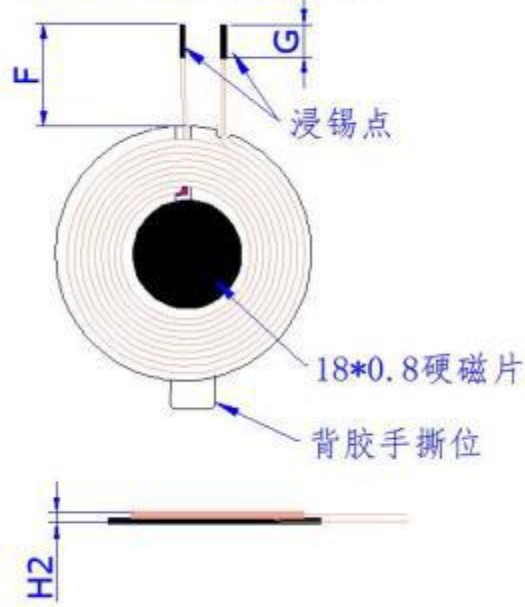
edit ion Rev	Before change Before Change	Post-change After Change	Change the date Change Date	ratify Approved By
A/0	new issue	-----	2024/4/30	Gao Yinghong

Bill Of Material

Bill of material

order number	name of material	Internal material number	Material specifications	unit	dosage	remarks
1	coil		Multi-strand enameled wire 0.08*72P	can	4.1	
2	Hard magnetic sheet		Φ42.4*0.65 material PN40	PCS	1	Double trough without holes
3	Hard magnetic sheet		Φ 18*0.8 material PN40	PCS	1	
4	Ordinary double- sided tape		Φ41.5*0.03	PCS	1	Double-sided adhesive tape for tearing
5	Lead-free tin strips		Su 99.3 Cu 0.7	can		
6	Yellow glue		405	can		
7	High temperature tape		Wide 5* long 8	PCS	1	
		blank below				

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Product specification SPECIFICATION								Vers ion A/0	Produced by: Yang Wenjun 2024/4/30			Review: Gao Yinghong 2024/4/30			
Drawing number: LCX-GCQP001168								Page number: 3/4	Customer code: CUST			KH008			
specifica tions and models		Φ21.7*39-0.08*72P-11 TS-30-42.42 LOC-BJ							Customer part number: CUSTP/N						
									Internal part number: IN P/N			LXC- KH 008 TX 010			
A	B	C		D	E	F	G	H	H1	H2	--	--	--	--	--
21.7 ±0.5	39- 40.5	42.5+0/ -0.5		17.7 Ref	2.4 Ref	30 ±2	3 ±1	0.7 ±0.1	0.65 ±0.05	1.6 Max	--	--	--	--	--
I. Size DIMENSION:(mm) Winding die: Φ 21.7 Single coil weight: 4.1															
图一、线圈  图二、硬磁片  图三、线圈贴合磁片模组 															
remarks:															
1. The coil is wound clockwise as shown in Figure 1. The coil should not be loose or cross the wire, and the lead wire should not cross out of the wire. A 5 mm high and wide temperature tape should be attached under the inner wire. 2. The magnetic sheet is shown in Figure 2 with specifications: 42.4*0.65 double slot without hole 3. The coil is attached in the center as shown in Figure 3. The coil is attached in reverse. The inner wire comes out from the slot of the magnetic plate, and the outer wire is opposite to the small opening of the magnetic plate. 4. The small magnetic sheet is attached in the middle of the front magnetic sheet of the coil, specification: 18*0.8; the ordinary double-sided adhesive is attached on the back, specification: 41.5*0.03, with a tear position.															
II. Schematic SCHEMATIC DIAGRAM:															
															
3. Winding parameter Winding Specification:															
orde r numb er	terminal TERMINAL		Wire diameter WIRE		Wire decomposit ion		number of turns Turns		direction of winding Winding Direction						

NO				temperatur e Temperatur e		
L1	S	F	Multiple enameled wire 0.08*72P	180-250 degrees	11TS	clockwise
4. Electrical characteristics ELECTRICAL CHARACTERISTIC: Temperature TEMPERATURE: 25±10° C, humidity RELATIVE HUMIDITY: 65±20%						
order number	Magnetic sheet material Disk material	induct ance valu e LS	impe danc e DCR	test condition TEST FREQUENCY	measuring and test instruments TEST EQUIPMENTS	
1	/	4.5 uH±10% (single coil)	58m Ω±10%	100 KHz/1.0V	U2832	
2	Hard magnetic sheet	8.3±0.3 UH (adhesive magnetic sheet)	58m Ω±10%	100 KHz/1.0V	U2832	

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Drawing number: LCX-GCQP001168		Page number: 4/4	Customer code: CUST	KH008
specifications and models	Φ21.7*39-0.08*72P-11TS-20-42.42LOC-BJ	Customer part number: CUSTP/N		
		Internal part number: IN P/N	LXC- KH 008 TX 010	
Packing way: Foam box packaging				

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